

## AMENDMENTS

### IN THE CLAIMS:

Claims 1-10 (previously canceled without prejudice)

Cancel Claims 11-13 (without prejudice)

14. (currently amended)      A gastronomic information and instruction system ~~of claim 13~~  
comprising  
a mobile device,  
a central server,  
means for communication with one or more websites and servers, including communication with  
websites and servers maintained by the vendor for the desired information,  
means for wired or wireless communication,  
means by which for a vendor establishment is able to set and readily recognize the customer's  
and or the customer to enable a customer profile including a photo and other pertinent information for  
use in conjunction with a stationary or mobile device;  
means for automatically the vendor establishment to recognizing recognize the said mobile  
device/customer to download a access the customer profile including the photo of the customer for  
one or more applications including friendly greeting;  
means for automatically assign assigning preferred seating including by automatic means;  
means for automatically prepare the selection and ordering of preparation of desired food items by the  
customer including by automatic means; including  
means for automatically prepare preparation of food items by the vendor according to the recipe or  
specific instructions of the customer including by automatic means; further including  
means for automatically ensure ensuring that the customer's health sensitivity is maintained and allergic  
and harmful ingredients are indicated/excluded by working in tandem with the information contained in  
the customer profile, the mobile device, the local server and or the network server, including by  
automatic means.

means for and having the ability to seamlessly access or provide accessing and providing a variety of information using one or more channels of a mobile device including by automatic means,

means for in a multiplexed or non multiplexed mode utilizing the mobile device the MMTR, located in the mobile device in conjunction with or at the network servers, including local servers located at the vendor establishment;

means for wired or wireless communication and control: in a multiplexed or non multiplexed mode;

means for giving the user customer and the vendor to communicate and conduct desired transactions in a desired manner and at the desired time. utilizing many simultaneous paths of communication and control.

15. (currently amended) A gastronomic information and instruction system of claim 14 including means for the customers by which customers may through wired or wireless means visually or by other means to select, initiate and monitor the progress of their specific order/food preparation and the activity activities of a chef/staff or the kitchen on their MMTR-enabled utilizing the mobile device display including,

means for said selection, initiation and monitoring on a selected channel while conducting other activity activities on one or more other channels of a single or multi channel mobile device,  
and the

means for the food vendor establishment may to relay a variety information to one or more customers on their mobile devices or to a stationary device located at the dining table and or at other locations,  
above enumerated

means for the information to be transmitted/received by the vendor and the customer utilizing one or more channels of the MMTR of wired or wireless communication in conjunction with the equipment located at the vendor establishment in conjunction with including a local and or network server.

16. (currently amended) A gastronomic information and instruction system of claim 15 including means for the setting up of one or more personal and or business related billing and credit card profiles in the mobile device,

means for the setting up of the attendee list or lists or inclusive of the ability to add/delete individuals to/from the attendee list;

~~means for the ability to append~~ appending memos or other notes in one or more formats to a transaction;

~~means for the ability to differentiate~~ differentiating alcohol and between food items and non food items inclusive of alcohol and their costs,

~~means for the ability to authenticate~~ authentication and ~~pay~~ payment by one or more methods including via the mobile device;

~~means for the ability to have~~ communicating the appropriate information ~~sent to~~ with one or more business or personal data bases for expense reports and other purposes seamlessly;

~~means for the ability to access~~ accessing and ~~update~~ updating various personal or business data bases seamlessly;

~~means for the ability to communicate simultaneously~~ communication of audio, video and data using one or more channels of a the built in MMTR in the mobile device; including

~~means for and the ability for the vendor~~ establishment to access and authenticate the customer data, ~~all~~ utilizing one or more databases resident in the mobile device, the local server and or the network server.

17. (currently amended) A gastronomic information and instruction system of claim 16 including ~~means for the ability to access~~ accessing and utilizing the various data bases of the vendor establishment through a mobile device,

~~means for by which~~ accessing and utilizing the recipes and other information of related to the vendor establishment ~~may be accessed~~ from said data bases, inclusive of

means for accessing and utilizing the information related to the specific ingredients of any particular recipe ~~may be accessed~~ from said data bases; further including

means for accessing and utilizing the caloric and nutritional content and related information of a particular recipes ~~may be accessed~~ from said data bases; inclusive of

means for accessing and utilizing the preparation techniques of particular recipes ~~may be accessed~~ from said data bases,

means for determining the appropriateness for the customer of a particular food item, from the list of available recipes by accessing the customer profile, inclusive of the

means for ~~may be determined~~ determining the appropriateness of a particular food item, or a combination of food items by the customer, the nutritionist, medical professional or the vendor acting singly and or in combination by accessing and utilizing the customers profile;

~~means for that may be maintained~~ maintaining the customer profiles within the mobile device ~~or a local and or server, a network server or a combination thereof;~~

~~means for the ability to track~~ tracking, monitor monitoring , ~~manage~~ managing and ~~obtain~~ obtaining a comprehensive running history of nutritional, health and other factors pertaining to the individual customer/user in a secure manner, with permission levels being set by the individual for access and or use by authorized health professionals and third parties;

~~means for and having the ability to set up~~ maintaining the appropriate databases ~~either~~ within the mobile device including in conjunction with ~~or a local and or network server; further including~~

~~means for the ability for~~ the health professionals, hospitals or loved ones to be contacted automatically by having the mobile device set up by the user to respond, on one or more channels, to certain pre set hazard levels and events;

~~means for and further having~~ the appropriate complement of data to be readily available to ~~for use by~~ the health professional for emergency response tailored to the individual; ~~by having~~

means for the mobile device working to be used in a stand alone manner or in conjunction with a local or network server; including the

means for the mobile device and the servers that may to be equipped with a single channel or a multi channel multiplexing communication capability;

means for utilizing the mobile device for gastronomic information, instruction and control tasks inclusive of facilitating emergency response.

18. (currently amended)      A gastronomic information and instruction system as in claim 17 including

means for ~~by which~~ the geographical location of the customer and the vendor may to be determined and provided to ~~either~~ one or more of the parties, in a dynamic setting where the user may be stationary, in motion and or headed in a particular direction;

means for ~~by which~~ the best proximate location and directions may to be provided to the user;

means for ~~by which~~ the estimated arrival time may to be determined and means for said information may to be used for providing just in time seating and initiation of food preparation;

means for ~~by which~~ ~~by~~ accessing the appropriate preferences set up by the user within the mobile device, ~~or a local server, and or a network server~~ inclusive of a combination thereof and their individual and collective data bases,

means for an optimal determination of a vendor, means for the selection of a vendor establishment ~~and~~

including the means for the selection of specific menu items best suited for the health, quality of the dining experience and cost effectiveness to the user,  
means for communication between the customer and the vendor for the desired gastronomic information and instruction actions ~~is determined and signaled to the user.~~

19. (currently amended)      A gastronomic information and instruction system as in claim 18 including  
means ~~for by which~~ the user ~~may to~~ search the Internet, other web sites or other servers and their data bases for appropriate recipes using a mobile or stationary device using one or more channels of communication of the mobile device; including  
means for while contemporaneously conducting one or more related or non related communications such as voice, video and data on one or more same or different channels;  
means for screening ~~by which~~ the recipes ~~may be screened~~ for appropriateness to the individual against pre set rules;  
means for determining ~~by which~~ the types and optimal quantity of ingredients needed for the food preparation of one or more recipes ~~is determined~~ by accessing the user's personal databases or the data bases of the grocer or the data bases located on a local or network server using one or more channels of communication; including  
means for determining ~~by which~~ the availability of the ingredients at various grocers and the best location of the grocers relative to the user, ~~is determined~~ including taking into account various factors such as the price of each ingredient, the availability or lack of availability of the partial or full set of ingredients, such that the grocer that meets certain pre set user defined rules is selected;  
means for ~~by which~~ the stationary or mobile device user to communicate with ~~signal~~ the selected grocer to initiate the fulfillment of the order for the selected ingredients in the quantities desired, at the time desired, and inclusive of the indicated ~~the~~ pick up or delivery means;  
means for ~~by which~~ the grocer ~~charges to~~ charge the customer's account via a credit card or other means and the customer ~~to authenticates~~ approve such charges;  
means for ~~by which~~ providing a real time or periodic summary and analysis of the usage of certain recipes, ingredients, nutritional, caloric values and other pertinent factors ~~may be provided~~ to the user or his or her designees, such as health professionals, for total health management of the user,  
means for by having the appropriate information to be maintained in data bases that may be resident on the mobile device, the local and or network server; and further including

means for ~~having the capability to have~~ the data to be uploaded or down loaded on command or at pre set intervals on one or more channels of communication; including  
~~means for contemporaneously providing while at the same time giving the user with a full range of~~  
~~other communication capabilities on one or more channels of the mobile device using the features of~~  
~~the built in MMTR;~~  
~~means for the mobile device to perform the desired functions in a stand alone manner within the mobile~~  
~~device and or in conjunction with~~ the local or network server.

20. (currently amended) A gastronomic information and instruction system as in claim 19  
including

means for ~~by which recipes may to~~ be archived, searched and selected from the data base resident  
within a stationary or mobile device, a local and or network server;

means for recipes, food preparation techniques and or instructions to be provided to a stationary and or  
mobile device, by wired or wireless means, for use by the device itself or for use in conjunction with an  
intelligent appliance performing the functions of food preparation, food storage and other related  
functions; including

means for ~~by which said recipes and food preparation techniques and or instructions may to~~ be  
provided by wired or wireless means, ~~using a stationary or mobile device,~~ to an intelligent food  
preparation, food storage and other related intelligent appliances for immediate usage or for ~~storage~~  
and archival within such an intelligent appliance for future use;

~~means by which the Intelligent Cooking Appliance is configured with one or more communication~~  
~~paths using the multi-channel multiplexing transmitter and receiver, MMTR; and having the ability to~~  
~~use one or more of its channels sequentially or simultaneously for wired or wireless communication;~~

means for the intelligent appliance to communicate with a mobile device, a local and or network server  
and other intelligent appliances within a local network and or across other networks using one or more  
communication channels; further including

means for ~~by which the Intelligent Appliance intelligent appliance that is configured with a MMTR may~~  
to operate with one or more wired or wireless communication protocols to access or be accessible by a  
range of stationary devices, mobile devices, other intelligent appliances, local and or network servers;

means for ~~by which the Intelligent Appliance or Appliances may~~ the intelligent appliance or appliances  
to operate in an IP based mode, a USB mode, a Blue Tooth mode, a 802.xx mode or other modes to  
appropriately select the communication mode and communicate with other mobile devices, other

intelligent appliances, local servers and or network servers by wired or wireless means in a sequential or simultaneous manner; ~~using the MMTR feature that is built into the intelligent appliance; including~~ means for by which the action to initiate initiating and executing food preparation and related tasks is executed on pre set commands at the designated time and in a designated manner or by a command received from a stationary or mobile communication device via one or more channels of the mobile device directly or in association with a local and or network server;

means for monitoring by which the progress of the food preparation activity and other information;

means for communication and signaling with ~~may be signaled to~~ other intelligent appliances within the local network or across a network including the Internet, for efficient preparation of the full range of a meal working in tandem with other intelligent appliances;

means for by which the progress of the food preparation activity and related tasks may to be communicated and signaled to one or more other intelligent appliances, mobile devices, one or more local servers and or network servers for monitoring and control purposes.

21. (currently amended) A gastronomic information and instruction system as in claim 20 including

means ~~for one-way or two-way~~ communication by one or more communication methods and or communication protocols between a mobile device, an intelligent appliance, a local and or network server to access, upload, download and manage gastronomical information and instruction tasks; including

means for accessing and translating the textual menu or recipe descriptions available in one or more languages to textual menu or recipe descriptions into one or more different languages using the language translation capability resident within the mobile device, the local server an or the network server; including

means for accessing and translating the textual menu or recipe descriptions available in one or more languages to audio menu or recipe descriptions in one or more different languages using the text to voice and language translation capability resident within the mobile device, the local server an or the network server; including

means for displaying images, audio and video ~~that describes~~ related to various ingredients, or food items and preparation methods on a mobile or stationary device for error free selection, and means for selection, ordering, and executing transactions by different input/output methods that include voice, touch and other means utilizing a mobile or stationary device.